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Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Attorney Docket No. 8733.848.00-US UTILITY First Inventor Yong S. Byun ਨ PATENT APPLICATION LIQUID CRYSTAL DISPLAY DEVICE TRANSMITTAL Title (Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. **Box Patent Application** APPLICATION ELEMENTS ADDRESS TO: Commissioner for Patents See MPEP chapter 600 concerning utility patent application contents. Washington, DC 20231 Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or 7. (Submit an original, and a duplicate for fee processing) Computer Program (Appendix) Applicant claims small entity status. Nucleotide and/or Amino Acid Sequence Submission 8. (if applicable, all necessary) See 37 CFR 1.27. Specification [Total Pages 16 Computer Readable Form (CRF) 3. Х a. (preferred arrangement set forth below)
- Descriptive title of the invention b. Specification Sequence Listing on: Cross Reference to Related Applications CD-ROM or CD-R (2 copies); or paper Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table Statements verifying identity of above copies C. or a computer program listing appendix Background of the Invention
 Brief Summary of the Invention ACCOMPANYING APPLICATIONS PARTS - Brief Description of the Drawings (if filed) 9. Х Assignment Papers (cover sheet & document(s)) Detailed Description Power of 37 CFR 3.73(b) Statement 10. - Abstract of the Disclosure Attorney (when there is an assignee) 8 11. English Translation Document (if applicable) X Drawing(s) (35 U.S.C. 113) (Total Sheets Information Disclosure Copies of IDS [Total Pages 3 12. 5. Oath or Declaration Statement (IDS)/PTO-1449 Citations Preliminary Amendment a. X Newly executed (original or copy) 13. Copy from a prior application (37 CFR 1.63(d)) Return Receipt Postcard (MPEP 503) 14. (Should be specifically itemized) (for continuation/divisional with Box 18 completed) Certified Copy of Priority Document(s) 15. Х **DELETION OF INVENTOR(S)** (if foreign priority is claimed) Signed statement attached deleting Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). inventor(s) named in the prior applic see 37 CFR 1.63(d)(2) and 1.33(b). 16. Applicant must attach form PTO/SB/35 or its equivalent. 17. Other: Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Divisional Continuation-in-part (CIP) of prior application No.: Continuation Group / Art Unit: Prior application information: Examiner For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS | x | Correspondence address below Customer Number or Bar Code Label MCKENNA LONG & ALDRIDGE LLP Name Song K. Jung 1900 K Street, N.W. Address Washington State DC Zip Code 20006 City Fax (202) 496-7756 (202) 496-7500 Country US Telephone Registration No. (Attorney/Agent) 40,106 Name (Print/Type) Eric J. Nuss 1 Muse Date June 25, 2003 Signature



PTO/SB/17 (01-03) Approved for use through 04/30/2003. OMB 0651-0032

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EEE TO ANOMITTAL		C mplete if Known								
FEE TRANSMITTAL		Applic	ation I	Numb	er Not Yet Assigned	Not Yet Assigned				
for FY 2003 Patent fees are subject to annual revision.			Date		June 25, 2003	June 25, 2003				
			lamed	Inver	ntor Yong S. Byun	Yong S. Byun				
- atom roos are suspect to annual revision.		Exam	iner Na	ame	Not Yet Assigned					
Applicant claims small entity status. See 37 CFR 1.27		Group	Art Ur	nit	N/A					
TOTAL AMOUNT OF PAYMENT (\$) 874.00		Attorney Docket No.			b. 8733.848.00-US	8733.848.00-US				
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)								
X Check Credit Money Order Other None	3. A	DDITIO	DNAL	FEES						
Deposit Account	Large	Entity	Small	Entity						
Deposit Account 50-0911 Number	Fee Code	Fee (\$)	Fee Code	Fee (\$)	- Fee Description	Fee Paid				
Deposit Account McKenna Long & Aldridge LLP	1051	130	2051	65	Surcharge – late filing fee or oath					
Name The Commissioner is hereby authorized to: (check all that apply)	1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet.					
Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	Non-English specification					
Charge any additional fee(s) during the pendency of this	1812	2,520	1812	2,520	For filing a request for ex parte reexamination					
application Charge fee(s) indicated below, except for the filing fee	1804	920°	1804	920*	Requesting publication of SIR prior to Examiner action					
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Description Literation of CID and					
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	-				
1. BASIC FILING FEE	1252	410	2252	205	Extension for reply within second month					
Large Entity Small Entity	1253	930	2253	465	Extension for reply within third month					
Fee Fee Fee Fee Code (\$) Fee Description Fee Paid	1254	1,450	2254	725	Extension for reply within fourth month					
1001 750 2001 375 Utility filing fee 750.00	1255	1,970	2255	985	Extension for reply within fifth month					
1002 330 2002 165 Design filing fee	1401	320	2401	160	Notice of Appeal					
1003 520 2003 260 Plant filing fee	1402	320	2402	160	Filing a brief in support of an appeal					
1004 750 2004 375 Reissue filing fee	1403	280	2403	140	Request for oral hearing					
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding					
SUBTOTAL (1) (\$) 750.00	1452	110	2452	55	Petition to revive – unavoidable					
	1453	1,300	2453	650	Petition to revive - unintentional					
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra Fee from	1501	1,300	2501	650	Utility issue fee (or reissue)					
Claims below Fee Paid	1502	470	2502	235	Design issue fee					
Total Claims 18 -20** =x =0.00	1503	630	2503	315	Plant issue fee					
Independent 4 -3** = 1 x 84.00 = 84.00	1460	130	1460	130	Petitions to the Commissioner					
Multiple Dependent =	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)					
Large Entity Small Entity	1806	180	1806	180	Submission of Information Disclosure Stmt					
Fee Fee Fee Fee Fee Description	8021	40	8021	40	Recording each patent assignment per	40.00				
Code (\$) Code (\$) Example 1202 18 2202 9 Claims in excess of 20	1809	750	2809	375	property (times number of properties) Filing a submission after final rejection					
1201 84 2201 42 Independent claims in excess of 3					(37 CFR 1.129(a)) For each additional invention to be					
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	examined (37CFR 1.129(b))					
1204 84 2204 42 ** Reissue independent claims over original patent	1801	750	2801	375	Request for Continued Examination (RCE) Request for expedited examination					
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802 Other	900 fee (spe	1802 :ifv)	900	of a design application					
SUBTOTAL (2) (\$) 84.00		uced by f		ing Fee	Paid SUBTOTAL (3) (\$)	40.00				
**or number previously paid, if greater; For Reissues, see above	, veni	Joeu by I	rusit i li		ald GOBTOTAL (0) (4)	40.00				
SUBMITTED BY					Complete (if applicable)					
	Regist	ration No								

SUBMITTED BY	Complete (if applicable)			
Name (Print/Type) Eric J. Nuss	Registration No. (Attorney/Agent)	40,106	Telephone	(202) 496-7537
Signature Que AMMA	-		Date	June 25, 2003